

An aerial photograph of the University of Washington campus, showing various academic buildings, a large stadium, and a waterfront area with many boats. The image is in black and white, with a red banner at the top and bottom.

THEME: PUBLIC HEALTH PREPAREDNESS —  
TOOLS FOR THE FRONTLINE

# THE SUMMER INSTITUTE FOR PUBLIC HEALTH PRACTICE

AUGUST 4-8, 2003

NORTHWEST CENTER FOR PUBLIC HEALTH PRACTICE  
DEPARTMENT OF HEALTH SERVICES  
SCHOOL OF PUBLIC HEALTH AND COMMUNITY MEDICINE  
UNIVERSITY OF WASHINGTON  
SEATTLE, WASHINGTON

206-685-1130  
<http://nwcphp.org/niphtml/>



# SUMMER INSTITUTE

## ■ SETTING

*In response to demand from previous participants the setting for this year's Institute was selected to enhance undistracted interaction among the track participants while still offering all the excitement of a central Seattle location. Talaris Conference Center, located 10 minutes from downtown Seattle and just blocks from the University of Washington, is an 18-acre oasis of mature-growth trees, landscaped lawns, and outdoor terraces nestled against a large mirror pond. It's a perfect place to fine-tune your public health skills and meet fellow professionals.*

*In addition to your Institute studies, August is a perfect time of year to take advantage of the many Seattle area attractions such as ferry cruises, the Pike Place Market, Golden Gardens, and Pioneer Square. Great places to hike, bike, fish, and have a picnic are nearby. Other popular Seattle destinations include the Aquarium, Woodland Park Zoo, Green Lake, Alki Beach, the Seattle Center for plays, the Experience Music Project (EMP), SAFECO Field for major league baseball, and the Waterfront Activities Center on the UW campus.*

*We invite you to attend the 2003 Summer Institute for Public Health Practice at the University of Washington School of Public Health and Community Medicine, in Seattle, August 4–8, 2003.*

The Institute provides public health professionals with training that is immediately relevant and applicable to daily public health practice. This year's Institute is organized on a theme—*Emergency Public Health Preparedness: Tools for the Frontline*. Given the tremendously heightened public and governmental interest in public health preparedness, many of us are engaged in developing our public health system's capacity to detect, respond to, control, and recover from an emergency incident. At the same time, we all hope to build this preparedness capacity in a manner that serves all aspects of public health practice.

The training experiences developed for the 2003 Institute are intended to meet these allied goals. The case-based studies that are woven through the week's training—in team building, epidemic investigation, study design, geospatial analysis, etc.—will be generally applicable to public health practice. Continuing education credits will be offered for various professions based on 32.5 hours of instruction.

Following a daily address on a key, crosscutting aspect of preparedness by a nationally prominent leader, participants will take part in one of three concurrent tracks:

***Epidemiologic Methods*** (two options: Introductory Epidemiology (applied) and Advanced Topics in Epidemiology).

***Management*** (interagency collaboration, performance management, communications, and public health law).

***Geographic Information Systems*** (GIS).

We are excited about the range and quality of training available at the 2003 Institute, which we believe will be one of the most educational we have ever offered.



# DIRECTORS & FACULTY

## DIRECTORS

**Ray M. (Bud) Nicola**, MD, MHA, is a Senior Consultant and CDC assignee to the Turning Point National Program Office and an Affiliate Associate Professor with the Department of Health Services. His past experience includes directing the Division of Public Health Systems at the Centers for Disease Control and Prevention, the Public Health - Seattle & King County, and the Tacoma-Pierce County Health Department. (Management Track Director)

**Mark Oberle**, MD, MPH, Professor in the departments of Health Services and Epidemiology, has been a member of the faculty since 1990 and is affiliated with the Health and Policy Research Track, (MPH program) and the Northwest Center for Public Health Practice. Dr. Oberle serves in the School of Public Health and Community Medicine as Associate Dean for Public Health Practice. (Epidemiology Track Co-Director)

**Jack Thompson**, MSW, is a Senior Lecturer in the Department of Health Services and Director of the Northwest Center for Public Health Practice. His teaching interests include public health practice, organization and financing, workforce development, and health care systems. (Performance Management)

## FACULTY

**Ron Di Giacomo**, VMD, MPH, is a Professor of Epidemiology with a long-standing interest in the epidemiology of infectious diseases and outbreak investigations. He teaches courses in molecular epidemiology and zoonoses (diseases transmissible from animals to humans). (Introductory Epidemiology)

**Tom Furtwangler**, BA, is Director of Cascade Health Communications Group, a program of the University of Washington School of Public Health and Community Medicine. Mr. Furtwangler's background is in photography, design, and video production, and he produces 8 to 10 health education videos a year. Recent projects include the quarterly video series "Current Topics in HIV/AIDS Care." (Communications)

**James L. Gale**, MD, MS, Professor of Epidemiology, has been the Health Officer for Kittitas County for 12 years and is a former Director of the Northwest Center for Public Health Practice. Dr. Gale is interested in the epidemiology of infectious diseases. His recent research deals with adverse affects of vaccines, especially pertussis vaccine. (Introductory Epidemiology/Epidemiology Track Co-Director)

**Karen Hartfield**, MPH, is a Health Prevention Planner with Public Health - Seattle & King County and has worked in HIV/AIDS, family planning, and asthma prevention planning for the past 20 years. She is a Lecturer in health communications, health promotion planning, program evaluation, and applied public health promotion programming. (Communications)

**Richard Hoskins**, PhD, is a Senior Epidemiologist and Public Health Geographer for the Washington State Department of Health and Clinical Associate Professor, departments of Epidemiology and Bioinformatics. He is co-editor of the Web-based journal, International Journal of Health Geographics and co-developer of EpiQMS, an assessment application. (GIS Track Director)

**Patricia Kuszler**, MD, JD, Associate Dean for Faculty Research and Development in the UW School of Law, joined the faculty in 1994 to develop a health law program after practicing health law in Washington, DC. Prior to a career in law, she practiced emergency medicine in New York and Connecticut. (Public Health Law)

**Carl Osaki**, RS, MSPH, is a Clinical Associate Professor of Environmental Health, and Member of the Washington State Board of Health. He manages a training module development project, helping health departments integrate the Essential Public Health Services into environmental health practice. He is former Chief of Environmental Health at Public Health - Seattle & King County. (Tabletop)

**Jeremy Sappington**, MSPH, a Senior Lecturer in the Department of Health Services, and Faculty Member of the Northwest Center for Public Health Practice, teaches organizational management and group process in the MHA and MPH programs and coordinates the undergraduate public health major and minor. (Interagency Collaboration)

**Dennis Stillman**, MHA, a Lecturer in the Masters in Health Administration Program, worked 20 years as a hospital administrator primarily in financial management. He teaches financial management and project management at the UW and provides consulting services in the health care industry. (Performance Management)

**Melissa Schiff**, MD, MPH, Associate Professor of Epidemiology, is interested in injury epidemiology and maternal and child health. (Advanced Epidemiology)

**Cindy Watts**, PhD, Director of the UW Northwest Public Health Leadership Institute, is a Professor of Health Economics and Health Policy in the Department of Health Services, with adjunct appointments in the Graduate School of Public Affairs and the Department of Economics. Dr. Watts has worked extensively in the area of provider reimbursement and industry structure. (Public Health Law)

**Noel S. Weiss**, MD, DrPH, a Professor of Epidemiology, teaches epidemiologic methods. He is co-author with Dr. Thomas D. Koepsell of a new graduate-level text, "Epidemiologic Methods: Studying the Occurrence of Illness". Dr. Weiss' research is primarily in the area of cancer epidemiology. Dr. Weiss was granted the 1992 Outstanding Teaching Award by the School of Public Health and Community Medicine. (Advanced Epidemiology)

# TRACKS & TOPICS

## TRACKS

### **1. Management (M)**

*The following two options are available in the 1:30-3 PM time period Tuesday through Friday.*

#### **Public Health Law (PHL)**

Managers must consider numerous legal issues when making critical decisions during community emergencies. Issues that will be discussed during this session revolve around the core question of how to protect a community and individual rights during a crisis. (Kuszler, Watts)

#### **Communications for Emergency Preparedness (CEP)**

This section will address the following learning objectives: crafting key messages for specific audiences; assessing your own communication strengths and weaknesses; managing a press conference and question and answer period; building collaborative partnerships with the media and others. (Furtwangler, Hartfield)

*The following two options are available in the 3:30-5 PM time period Monday through Thursday.*

#### **Performance Management (PM)**

Performance Management is the strategic use of performance standards, measures, progress reports, and ongoing quality improvement efforts to ensure an agency achieves desired results. This course will focus on the relationship between such accountability measures and the increased funding, responsibility, and attention that public health is receiving, especially in response to the heightened need for bioterrorism preparedness. (Thompson, Stillman)

#### **Interagency Collaboration (IC)**

Community public health emergencies require complex coordinated responses between many public and private agencies. Well-defined collaborative relationships prior to an emergency and effective communications systems prior to, during and following an emergency, are critical elements in preparing for and responding to public health emergencies. Models and techniques for collaboration and communication will be discussed and demonstrated. (Sappington, Nicola)

### **2. Epidemiologic Methods (EM)**

*Two options in epidemiologic methods will be offered.*

- The **Introductory Epidemiology (IE)** track will provide weeklong training in applied epidemiology through scenarios applicable to public health emergency/bioterrorism skills. It will introduce surveillance, the use of rates, disease investigation, study design, causal

inference, and issues in reviewing the literature. (Gale, Di Giacomo, Oberle)

- For the first time the Institute will offer a separate option in **Advanced Topics in Epidemiology (AE)** based on the new text, "Epidemiologic Methods: Studying the Occurrence of Illness" (New York: Oxford University Press, 2003) authored by Thomas D. Koepsell and Noel S. Weiss, both epidemiology professors at the University of Washington. The case-based course and the book are aimed at public health professionals who will be conducting epidemiologic studies themselves or who need a firm grasp of epidemiologic principles in order to interpret and evaluate studies conducted by others. The course will be organized around two main themes: general concepts and methods of epidemiology, and study design. (Weiss, Schiff)

### **3. Geographic Information Systems (GIS)**

This track prepares participants to use GIS in analytical studies for public health surveillance and assessment. Structured exercises focus on all important GIS features including geocoding, thematic maps, overlays to estimate features of one geography in terms of another, data connection to GIS layers, spatial structuring of query features, and map preparation using cartographic principles for publication and the Internet. The focus of the course—how to use spatial information and maps to carry out analysis—will include use in bioterrorism-response work, including basic statistical concepts such as map smoothing, elementary spatial regression, spatial autocorrelation, and cluster detection. (Hoskins)

## ADDITIONAL TOPIC

### **Tabletop Exercise (Monday, all)**

Students will begin the Institute by observing a tabletop exercise that demonstrates the key elements in public health preparedness and helps them identify particular areas of individual strength and weakness. This type of learning exercise has been employed successfully by local health departments and their emergency counterparts in preparing for and responding to large-scale communicable disease or emergencies in their communities. Participants will respond to a hypothetical emergency response scenario in the form of an infectious disease outbreak. Participants will identify the policy, communication, resources, data, coordination, and organizational elements associated with an emergency response. Students will also learn how to develop and facilitate a tabletop exercise as a teaching tool. (Osaki)

# PROGRAM SCHEDULE

<i>Management Track</i>				
Monday	Tuesday	Wednesday	Thursday	Friday*
<i>Morning Sessions</i>				
Plenary	Plenary	Plenary	Plenary	Plenary
Tabletop	Small Group Discussions	Small Group Discussions	Small Group Discussions	Small Group Discussions
<i>Afternoon Sessions</i>				
Tabletop	Public Health Law <i>or</i> Communication for Emergency Preparedness	Public Health Law <i>or</i> Communication for Emergency Preparedness	Public Health Law <i>or</i> Communication for Emergency Preparedness	Public Health Law <i>or</i> Communication for Emergency Preparedness
Performance Management <i>or</i> Interagency Collaboration	Performance Management <i>or</i> Interagency Collaboration	Performance Management <i>or</i> Interagency Collaboration	Performance Management <i>or</i> Interagency Collaboration	
<i>Epidemiologic Methods Track</i>				
<i>Morning Sessions</i>				
Plenary	Plenary	Plenary	Plenary	Plenary
Tabletop	Small Group Discussions	Small Group Discussions	Small Group Discussions	Small Group Discussions
<i>Afternoon Sessions</i>				
Tabletop	Introductory Epidemiology <i>or</i> Advanced Topics	Introductory Epidemiology <i>or</i> Advanced Topics	Introductory Epidemiology <i>or</i> Advanced Topics	Introductory Epidemiology <i>or</i> Advanced Topics
Introductory Epidemiology <i>or</i> Advanced Topics	Introductory Epidemiology <i>or</i> Advanced Topics	Introductory Epidemiology <i>or</i> Advanced Topics	Introductory Epidemiology <i>or</i> Advanced Topics	
<i>Geographic Information Systems Track</i>				
<i>Morning Sessions</i>				
Plenary	Plenary	Plenary	Plenary	Plenary
Tabletop	GIS	GIS	GIS	GIS
<i>Afternoon Sessions</i>				
Tabletop	GIS	GIS	GIS	GIS
GIS	GIS	GIS	GIS	
				*Friday classes end at 3:00

# GENERAL INFORMATION

## REGISTRATION

Registrations will not be confirmed unless full payment is sent with the form on the next page by the reservation deadline (Thursday, July 3, 2003). Advance payment may be made in US dollars by check or purchase order. Credit and debit cards are not accepted. Purchase orders should include instruction for initiation of payment. Checks and purchase orders must be mailed with the reservation form in the same envelope. The University of Washington charges \$25 for all returned checks.

To request disability information about Talaris, contact Mike Klabo at least ten days in advance at: 206-268-7092, 206-688-7001 (FAX).

## POLICIES

**Advance registration is required and will be accepted in the order received.** To save a place, send a copy of the registration form to us and to your accounting office. To be eligible for the early tuition incentive, the registration form, payment or a purchase order number, and, for those needing their agency's travel authorization, a memo that travel authorization has been requested must be postmarked or faxed on or before **May 30, 2003**. Purchase orders will hold a spot and guarantee early tuition rate, but full payment must be received on or before **July 3, 2003**. If payment is not received by that date, the registrant will be moved to the waiting list.

**Travel authorization**, for those needing it, also is due on or before **July 3, 2003**. If authorization is not received by that date the registrant will be moved to the waiting list.

**Waiting list.** People on the waiting list needing their agency's travel authorization are advised to start the travel approval process immediately. If space becomes available, registrants will have 14 days to pay tuition and confirm travel authorization.

**Cancellation** must be in writing: Refunds, minus a \$50 cancellation fee, will be issued up to **July 3, 2003**; after that, tuition fees are forfeited. Participant substitutions are permitted with prior notice.

Registration confirmation will be mailed the week of **July 7, 2003**.



## HOUSING

Talaris Conference Center offers 31 well-appointed guest rooms that can accommodate up to 42 individuals for the 2003 Summer Institute for Public Health Practice guests. A comfortable night's rest is virtually guaranteed in the peaceful surroundings of the conference center's wooded grounds.

Guest rooms feature double or queen sized beds, study desk with telephone, color cable television, data port, and coffee bar.

Many of the guest rooms include adjoining suites with decks and fireplaces for evening gatherings.

Guests may check in anytime after 3 PM Sunday, August 3 and check out by 12 PM Friday, August 8, 2003. Luggage storage will be provided at Talaris until 5:30 pm on Friday, August 8th. Alternative off-campus housing is also available at government rates with free daily transportation to and from Talaris Conference Center.

Housing is not included in the tuition fee. Housing arrangements and details for making reservations will be provided with the registration confirmation.

## DINING SERVICES

Talaris's cuisine is as inspired as the setting, from a casual barbecue on the pond-side deck, to a gourmet dinner in the window-encircled Pacific Dining Room. Continental breakfast and lunches are provided daily to Institute participants.

# REGISTRATION FORM

*Summer Institute for Public Health Practice, University of Washington, August 4-8, 2003*

**Talaris Conference Center, 4000 NE 41st Street Seattle, WA 98105-5428**

Name \_\_\_\_\_  
Last First Middle Initial

Title \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

City/Town \_\_\_\_\_ State/Province \_\_\_\_\_ Country \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Phone \_\_\_\_\_ FAX \_\_\_\_\_ Email \_\_\_\_\_

Please indicate which track you wish to attend:

☐ Epidemiologic Methods ☐ Management ☐ Geographic Information Systems (GIS)

*(optional)* Main employment setting (check one):

☐ Public health agency: *Local State Federal (please circle appropriate)*

☐ Tribal Health ☐ University or other academic setting

☐ Other public health practice setting (e.g., WIC clinic) ☐ Other \_\_\_\_\_

*(optional)* Role that best describes your position (check one):

☐ Front Line Staff ☐ Senior Level Technical Staff ☐ Supervisory/Management Staff ☐ Other \_\_\_\_\_

*(optional)* How did you hear about the SIPHP (check one):

☐ email notice ☐ professional journal ☐ brochure ☐ word of mouth ☐ other

Please describe: \_\_\_\_\_

<b><i>Tuition*</i></b>	<b><i>Before May 30</i></b>	<b><i>After May 30</i></b>
Epidemiologic Methods	\$1,000	\$1,300
Management	\$1,000	\$1,300
GIS	\$1,300**	\$1,600**

## **Payment deadline: July 3, 2003**

\* includes course manual, handouts, continental breakfast, and lunch

\*\* includes copy of Caliper Maptitude® software at discounted price in addition to course manual, handouts, continental breakfast, and lunch

Registration confirmation will be mailed the week of **July 7, 2003**.

The Northwest Center for Public Health Practice reserves the right to cancel courses as necessary, in which case registrants will receive full refunds.

### **Method of Payment** (check one)

☐ **Check.** US funds on a US bank account payable to University of Washington. UW Tax ID # 91-6001537

☐ **Purchase Order.** Please attach copy of purchase order to your reservation and advise us of any action required to initiate payment.

**Mail payment to:** Northwest Center for Public Health Practice  
ATTN: Summer Institute  
University of Washington  
Box 354809  
Seattle, WA 98195-4809

**Questions?** Tel: (206) 685-1130 FAX: (206) 616-9415 Email: sanjose@u.washington.edu



University of Washington  
**School of Public Health**  
*and* Community Medicine

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Northwest Center for Public Health Practice  
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